Index of Claims

Application/Control No.

09/277,189 Examiner

Frantzy Poinvil

Applicant(s)/Patent under Reexamination

MCLAUGHLIN ET AL.

Art Unit

3628

√ Rejected
= Allowed

(Through numeral)
 Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Claim    |  | Date                                  |              |              |  |          |          |            |              |                 |  |
|----------|--|---------------------------------------|--------------|--------------|--|----------|----------|------------|--------------|-----------------|--|
| i i      |  | $\vdash$                              |              | _            | ı —  |          |          |            |              | $\dashv$        |  |
| Final    | Original                                     | 9/2/05                                |              |              |  |          |          |            |              |                 |  |
|          | 1  | 1                                     |              |              |  |          |          |            |              |                 |  |
|          | 2  | V                                     |              | Т            |  |          | -        |            |              |                 |  |
|          | 3  | j                                     | H            | ┢            | H  |          | -        |            | Н            | Н               |  |
|          | 7  | j                                     | -            | $\vdash$     | $\vdash$   | _        |          |            |              | H               |  |
|          | 1<br>2<br>3<br>4<br>5                        | 7                                     | ⊢            | ┢            | -  | -        | -        |            | H            | Н               |  |
| -        | 2  | ·/                                    | $\vdash$     | -            | -  |          |          | -          | <u> </u>     | $\vdash$        |  |
|          | 6<br>7                                       | V                                     | H            | <u> </u>     |  | -        |          | _          | -            | -               |  |
|          | <del></del>                                  | N<br>J                                | H            | _            | _  |          | _        | _          | ⊢            | Н               |  |
|          | 8<br>9                                       | 7                                     | -            | ⊢            |  | _        |          |            | ├            | Н               |  |
| <u> </u> | 40   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <b>.</b>     | ┝            |  |          |          | -          | ├            | Н               |  |
| <u> </u> | 10   | V                                     |              | ┡            | _  |          |          | <u> </u>   | <b>.</b>     | Н               |  |
|          | 11   | V                                     |              | <del> </del> |  | ļ        | <b>.</b> | -          | <u> </u>     | H               |  |
| <u> </u> | 12   | 1                                     |              | -            | $\vdash$   | <u> </u> | <u> </u> | $\vdash$   | ⊢            | $\vdash\vdash$  |  |
| <u> </u> | 13   | ۱ <u>۷</u>                            | <del> </del> |              | <del>                                     </del> | <u> </u> | _        | $\vdash$   | <u> </u>     | Н               |  |
| <u> </u> | 14   | <b> </b> √                            | <b>├</b> —   |              | <b> </b>   | ļ        | <u> </u> | $\vdash$   | <u> </u>     | $\vdash$        |  |
| $\vdash$ | 15   | 1                                     | _            | <del> </del> | <u> </u>   | <u> </u> | <u> </u> | $\vdash$   | -            | Н               |  |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 |                                       | <u> </u>     | <u> </u>     | <u> </u>   |          | $\vdash$ | -          | _            | Щ               |  |
|          | 17   | ٧.                                    |              | <u> </u>     |  | <u> </u> | L        | <u> </u>   | <u> </u>     | Ш               |  |
|          | 18   | 1                                     | <u> </u>     | <u> </u>     | _  | <u> </u> | <u> </u> | _          | <u> </u>     | Ц               |  |
|          | 19   | 1                                     | _            | <u></u>      |  |          |          |            |              | Щ               |  |
|          | 20   | 1                                     | _            | 匚            | _  |          | <u> </u> | L.         |              | Ш               |  |
|          | 21   | V                                     |              | <u> </u>     | Ш  |          |          |            |              | Ш               |  |
|          | 22<br>23                                     | V                                     | _            | L            | _  |          | <u> </u> |            | _            | Ш               |  |
|          | 23   | 1                                     |              | L            |  | _        | _        |            | <u> </u>     | Щ               |  |
|          | 24   | V                                     |              | L            |  | _        | L        | L_         | L_           | Ш               |  |
| <u></u>  | 25   | 1V                                    | <u></u>      |              |  | _        | _        |            | <u> </u>     | Ш               |  |
| <u> </u> | 25<br>26<br>27                               | 1                                     |              |              |  | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | Ш               |  |
|          | 27   | 1                                     |              | <u> </u>     | <u> </u>   | _        | <u> </u> | L          | <u> </u>     | Ш               |  |
|          | 28<br>29                                     | V                                     | _            | _            | <u> </u>   | <u> </u> | <u>_</u> | _          | <u> </u>     | Ш               |  |
|          | 29   | V                                     | L.           | _            | <u> </u>   | _        | <u> </u> | <u> </u>   | <u> </u>     | Ш               |  |
|          | 30   | V                                     |              | _            | L  |          | L        | <u> </u>   | _            |                 |  |
|          | 31   | <u> </u>                              | _            | <u> </u>     | L  |          | L.       | <u> </u>   | L            | Ш               |  |
|          | 32   | <u> </u>                              |              | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | Ш               |  |
| <u> </u> | 33<br>34                                     | <u> </u>                              | L_           | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | Ш               |  |
| <u> </u> | 34   | <u> </u>                              | <u> </u>     | 1_           | _  | <u> </u> |          |            | _            | Ц               |  |
| ļ        | 35   | <u> </u>                              | <u>_</u>     | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | Ц               |  |
|          | 36<br>37                                     | Ļ_                                    |              | <b>↓</b> _   |  | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | Ш               |  |
|          | 37   | <b> </b>                              | <u> </u>     | ऻ_           | <u> </u>   | <u> </u> | <u> </u> | <b> </b> _ | <u> </u>     | Щ               |  |
| <b></b>  | 38   | <del> </del>                          | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> | ├          | <u> </u>     | Щ               |  |
|          | 39   | <del> </del>                          | ├-           | ļ            | ļ  | ⊢        | <u> </u> | <u> </u>   | $\vdash$     | Ш               |  |
|          | 40   | ├-                                    | <u> </u>     | <u> </u>     | <u> </u>   |          | $\vdash$ |            | _            | Н               |  |
| <u> </u> | 41   | ├                                     | -            | ├            | <del> </del>                                     | -        |          |            | <u> </u>     | Н               |  |
| <u> </u> | 42   | ├-                                    | <u> </u>     | $\vdash$     | $\vdash$   | <u> </u> | <u> </u> | _          | <u> </u>     | $\sqcup$        |  |
| <u> </u> | 43   |                                       | <b>—</b>     | <b>—</b>     | <u> </u>   | <u> </u> | <b>—</b> | <u> </u>   | <u> </u>     | $\vdash \dashv$ |  |
| <u> </u> | 44   | -                                     | 1-           | <u> </u>     | <u> </u>   | _        | <u> </u> | _          | <del> </del> | Н               |  |
| <u> </u> | 45   | -                                     | Н—           | <u> </u>     | -  | ├        | <u> </u> | $\vdash$   | <u> </u>     | Н               |  |
|          | 46   | <del>  _</del>                        | <del> </del> | -            | <del> </del>                                     | $\vdash$ | <u> </u> | <b>—</b>   | <u> </u>     | Ш               |  |
|          | 47   | <b> </b>                              | <u> </u>     | <u> </u>     | <del> </del>                                     | $\vdash$ | -        | <b>!</b>   | $\vdash$     | $\vdash$        |  |
| <u> </u> | 48   | 1                                     | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u> | _        | _          | <b>L</b>     | $\sqcup$        |  |
| <u> </u> | 49   | ₩                                     | <u> </u>     | $\vdash$     | $\vdash$   | ├-       | <u> </u> | ⊢          | $\vdash$     | Н               |  |
| L        | 50   | <u> </u>                              | Ц_           | <u> </u>     | L  |          |          | L          | <u> </u>     | لــــا          |  |

| Cla      | Date     |                |          |   |                |                                     |          |          |          |          |
|----------|----------|----------------|----------|---|----------------|-------------------------------------|----------|----------|----------|----------|
|          |          |                |          |   |                |                                     |          |          |          |          |
| Final    | Original |                |          |   |                |                                     |          |          |          |          |
|          | 51       |                |          |   |                | П                                   |          |          |          |          |
|          | 52       |                |          |   |                |                                     |          |          |          |          |
|          | 53       | $\Box$         |          |   |                |                                     |          |          |          |          |
|          | 54       |                |          |   |                |                                     |          |          |          |          |
|          | 55       |                |          |   |                |                                     |          |          |          |          |
|          | 56       |                |          |   |                |                                     |          |          |          |          |
|          | 57       |                |          |   |                |                                     |          |          |          |          |
|          | 58       |                |          |   |                |                                     |          |          |          |          |
|          | 59       |                |          |   | Ш              |                                     |          |          |          |          |
|          | 60       |                |          |   |                | $\Box$                              |          |          |          | _        |
| ļ        | 61       | _              |          | _ | -1             |                                     |          |          | _        | _        |
| -        | 62       |                |          |   | Н              |                                     |          |          | <b> </b> |          |
| <u> </u> | 63       | $\blacksquare$ | _        |   | $\vdash$       |                                     |          | -        |          |          |
|          | 64<br>65 | H              |          |   | $\vdash$       | $\vdash$                            |          |          |          |          |
| -        | 66       |                |          |   |                |                                     |          |          | _        |          |
| -        | 66<br>67 | H              | -        | - |                |                                     |          |          |          | -        |
| $\vdash$ | 68       | -              | $\dashv$ |   |                |                                     |          |          |          | _        |
| -        | 69       |                |          | _ | $\vdash$       | $\vdash$                            |          | _        | _        | -        |
|          | 70       |                |          |   |                | Н                                   | _        |          |          |          |
|          | 71       |                |          |   |                |                                     |          |          |          |          |
|          | 72       |                |          |   |                |                                     |          |          |          |          |
|          | 73       |                |          |   |                |                                     |          |          |          |          |
|          | 74       |                |          |   |                |                                     |          |          |          |          |
|          | 75       |                |          |   |                |                                     |          |          |          |          |
|          | 76       |                |          |   |                |                                     |          |          |          |          |
|          | 77       |                |          |   |                |                                     |          |          |          |          |
|          | 78       |                |          |   |                |                                     |          |          | ļ.,      |          |
|          | 79       |                |          |   |                |                                     |          |          |          |          |
|          | 80       |                |          |   |                |                                     |          |          |          |          |
| _        | 81       |                |          |   | _              |                                     |          | $\vdash$ | <u> </u> | -        |
|          | 82       |                |          |   | Ш              |                                     |          | -        |          | <u> </u> |
|          | 83       | <u> </u>       | $\vdash$ |   | Н              | $\vdash$                            |          |          | <u> </u> | ⊢        |
| -        | 84<br>85 | _              | $\dashv$ |   | $\vdash\vdash$ | $\vdash$                            | _        | $\vdash$ |          |          |
|          | 86       |                | $\vdash$ |   | $\vdash$       |                                     |          |          |          | $\vdash$ |
| $\vdash$ | 87       |                |          |   | H              |                                     |          | -        | $\vdash$ | $\vdash$ |
|          | 88       |                | H        |   | Н              |                                     |          | -        | $\vdash$ | $\vdash$ |
|          | 89       |                |          |   | $\Box$         |                                     |          |          |          |          |
|          | 90       |                |          |   |                |                                     |          |          |          |          |
|          | 91       |                |          |   |                |                                     |          |          |          |          |
|          | 92       |                |          |   |                |                                     |          |          | Ĺ        |          |
|          | 93       |                |          |   |                |                                     |          |          |          | L        |
|          | 94       | Щ              | L        |   |                |                                     |          | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | 95       | L.             |          | _ |                | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        |          | <u> </u> | L        |
| <u> </u> | 96       | Щ              | ļ        |   | <u> </u>       | <u> </u>                            | _        | _        | <u> </u> | _        |
| -        | 97       | <u> </u>       | $\vdash$ |   |                | $\vdash$                            | <u> </u> | <u> </u> | <u> </u> | L        |
| -        | 98       | _              | $\vdash$ | _ | -              | $\vdash$                            | $\vdash$ |          | ├—       | _        |
| L        | 99       |                |          |   | l              | 1                                   | l        | l        | l        | 1        |

| Claim    |   |          |                    |                  |    | ate      |          |          |          |        |
|----------|---|----------|--------------------|------------------|----|----------|----------|----------|----------|--------|
|          |   |          |                    |                  |    |          |          |          |          | $\Box$ |
| a        | Original                                      |          |                    |                  |    |          |          |          |          |        |
| Final    | rig   |          |                    |                  |    |          |          |          |          |        |
|          | 0   |          |                    |                  |    |          |          |          |          |        |
|          | 101   |          | $\neg$             |                  |    |          |          |          |          | П      |
|          | 101<br>102                                    |          |                    |                  |    |          |          |          |          |        |
|          | 103   | П        |                    |                  |    |          | П        |          |          | $\Box$ |
|          | 104   |          |                    |                  |    |          | П        |          |          |        |
|          | 104<br>105                                    |          |                    |                  |    |          |          |          |          |        |
|          | 106   |          |                    |                  |    |          |          |          |          | П      |
|          | 107   |          |                    |                  |    |          |          |          |          | П      |
|          | 107<br>108                                    |          |                    |                  |    |          |          |          |          |        |
|          | 109<br>110                                    |          |                    |                  |    |          |          |          |          |        |
|          | 110   |          |                    |                  |    |          |          |          |          |        |
|          | 111   | П        |                    |                  |    |          |          |          |          | П      |
|          | 112   |          |                    |                  |    |          |          |          |          |        |
|          | 113   | П        |                    |                  |    |          |          |          |          | П      |
|          | 114   | $\Box$   |                    |                  | _  |          |          |          |          |        |
|          | 115   |          |                    |                  |    |          |          |          |          |        |
|          | 116   |          |                    |                  |    |          |          |          |          |        |
|          | 112<br>113<br>114<br>115<br>116<br>117        |          |                    |                  |    |          |          |          |          | П      |
|          | 118   |          |                    |                  |    |          |          |          |          |        |
|          | 118<br>119                                    |          |                    |                  |    |          |          |          |          |        |
|          | 120<br>121<br>122                             |          |                    |                  |    |          |          |          |          | П      |
|          | 121   |          |                    |                  |    |          |          |          |          | П      |
|          | 122   |          |                    |                  |    |          |          |          |          |        |
|          | 123<br>124<br>125                             |          |                    |                  |    |          |          |          |          |        |
|          | 124   |          |                    |                  |    |          |          |          |          |        |
|          | 125   |          |                    |                  |    |          |          |          |          |        |
|          | 126<br>127<br>128<br>129<br>130<br>131<br>132 |          |                    |                  |    |          |          |          |          |        |
|          | 127   |          |                    |                  |    |          |          |          |          |        |
|          | 128   |          |                    |                  |    |          |          |          |          |        |
|          | 129   |          |                    |                  |    |          |          |          |          |        |
|          | 130   |          |                    |                  |    |          |          |          |          |        |
|          | 131   | Г        |                    |                  |    |          | П        |          |          |        |
|          | 132   |          |                    |                  |    |          |          |          |          |        |
|          | 133   |          |                    |                  |    |          |          |          |          |        |
|          | 134   |          |                    |                  |    |          |          |          |          |        |
|          | 135   |          |                    |                  |    | L        |          |          |          |        |
|          | 136   |          |                    |                  |    |          |          |          |          |        |
|          | 137<br>138                                    |          |                    |                  |    | 匚        |          |          |          |        |
|          | 138   |          |                    |                  |    |          |          | L        |          | Ш      |
| L        | 139   |          |                    |                  | _  | <u></u>  | _        | _        | L        | Ш      |
| ļ        | 140   |          |                    | $ldsymbol{oxed}$ |    | _        |          | L        |          | Ш      |
|          | 141   |          |                    | L_               | L  |          | _        |          | <u> </u> | Ш      |
|          | 142   | _        |                    | <u> </u>         |    | L.       |          | L        |          | Ш      |
|          | 143   |          |                    | L                |    |          | L.       |          | L_       | Ш      |
|          | 144   | _        |                    | L                |    |          | <u> </u> | <u> </u> | L_       | Ш      |
|          | 145   | <u> </u> |                    | <u> </u>         |    | L_       |          | _        |          | Ш      |
|          | 146   | L        | $oxedsymbol{oxed}$ | ldash            | L. | <u> </u> | L        |          | L        | Ш      |
| <u> </u> | 147   |          | _                  | _                |    | <u> </u> | _        | <u> </u> |          | Ш      |
|          | 148   | L        |                    | L                |    | L        |          |          |          | Ш      |
|          | 149   |          |                    | Ĺ                |    | L        |          | <u> </u> |          | Ш      |
|          | 150   |          |                    |                  |    |          |          |          |          |        |